

Memo to: South Sioux/Big Ox Energy file
From: Joe Francis
Date: 11/7/16
Re: Conference call

Participants: Mike Trotter, Terry Lutz, Mike Wasburn, Bob Livermore, Steve Goans, Curt Christiansen, Todd Ellis, Joe Francis

There is a public meeting tonight and South Sioux would like to give the attendees what a potential schedule for addressing the odor issue. The proposed project was described, a residential only line will be used to serve the affected residences. The existing line will be only for Big Ox. It is possible that other entities would be served at some point in time, but that is not now on the planning horizon. South Sioux would like to fast track this project.

Steve Goans indicated that a gravity line would not take long to review provided the application was of acceptable quality and complete. He said it could be approved as quickly as a day. Additionally Steve suggested that the City could submit parts of the project if they thought that would address the issues quicker and the Dept. would be happy to work with this as a phased project.

McClure Engineering said they were still early in the design phase – they hoped to have design complete in one to two months, and construction complete in two to three months. They indicated that the new residential line should be a permanent solution to the current problem. In addition to the new line they indicated a vapor phase control unit would be added at the Bennett lift station. Todd Ellis indicated they many need to obtain an Air Quality construction permit. (Todd later found a permit would not be needed.) McClure stated that Big Ox was in the process of developing an odor control plan applicable to the sewer below the facility as there could still be issues at manholes, lift stations, etc.

Steve closed the meeting with:

- We will look into the emergency provisions of the SRF, there may be options available to South Sioux in this situation. We will get back to South Sioux officials on the options.
- The city is welcome to submit all of the application, or small parts of the application if that would help them to get started quickly, the Dept. will review any phase.
- The potential Air Quality permit issues should be looked at quickly, if necessary a variance to the construction permit process could be granted. (Todd found no permit would be required.)
- Steve assigned Curt Christiansen to be the point of contact for wastewater issues.
- Steve emphasized the Dept. would be as responsive as possible and offer assistance where appropriate.



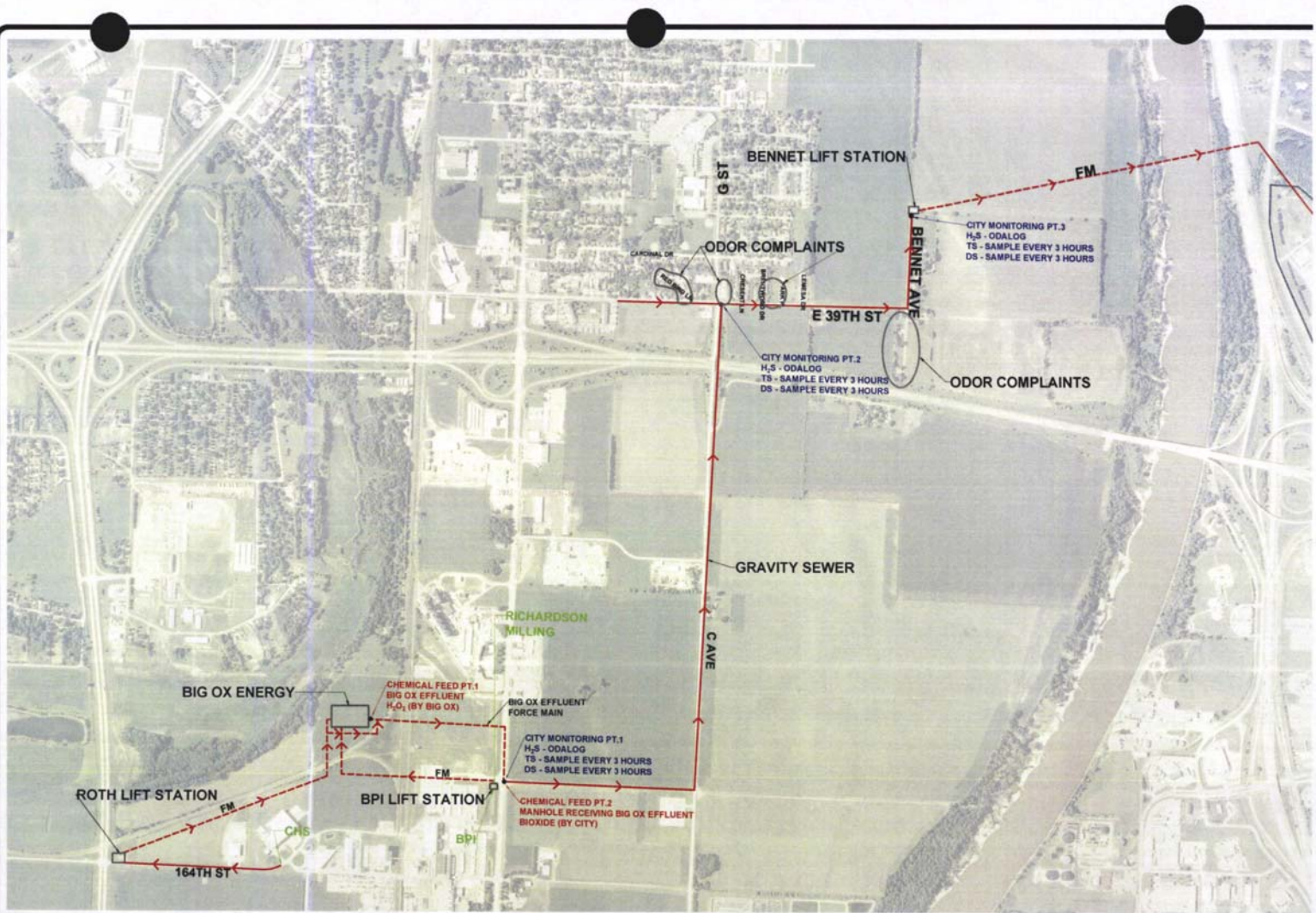


FIGURE 1
SSC ODOR CONTROL PLAN
OCTOBER 2016